



SEQUENCE LISTING

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<120> NOVEL PROPERTY EFFECTING AND/OR PROPERTY EXHIBITING
COMPOSITIONS FOR THERAPEUTIC AND DIAGNOSTIC USE

<130> ENZ-53 (I3) .SEQUENCE.080599

<140> 08/978,636

<141> 1997-11-25

<150> 08/574,443

<151> 1995-12-15

<160> 51

<170> PatentIn Ver. 2.0

<210> 1

<211> 20

<212> PRT

<213> Influenza virus

<220>
<223> Description of Artificial Sequence:peptide

<400> 1
Gly Phe Phe Gly Ala Ile Ala Gly Phe Leu Glu Gly Gly Trp Glu Gly
5 10 15
1

Met Ile Ala Gly
20

<210> 2

<211> 20

<212> DNA

<213> Bacteriophage T7

<220>
<223> Description of Artificial Sequence:peptide

20

<400> 2
tggtctctaa gggtctactc

<210> 3
<211> 15
<212> DNA
<213> Simian virus 40

<220>
<223> Description of Artificial Sequence:peptide

<400> 3
ctctaaaggta aatat

15

<210> 4
<211> 16
<212> DNA
<213> Simian virus 40

<220>
<223> Description of Artificial Sequence:peptide

<400> 4
tgtatTTtag attcaa

16

<210> 5
<211> 19
<212> DNA
<213> Simian virus 40

<220>
<223> Description of Artificial Sequence:peptide

<400> 5
tgctctctaa ggtaaatat

19

<210> 6
<211> 19
<212> DNA
<213> Simian virus 40

<220>
<223> Description of Artificial Sequence:peptide

<400> 6
tgtatTTtag ggtctactc

19

<210> 7

<211> 19
<212> RNA
<213> Bacteriophage T7

<210>
<213> Description of Artificial Sequence:peptide

400> 7
ugcucucuaa gguaaauau

19

<210> 8
<211> 19
<212> RNA
<213> Bacteriophage T7

<210>
<213> Description of Artificial Sequence:peptide

400> 8
uguaauuuuag ggucuacuc

19

<210> 9
<211> 20
<212> RNA
<213> Bacteriophage T7

<210>
<213> Description of Artificial Sequence:peptide

400> 9
ugcucucuaa gggucuacuc

20

<210> 10
<211> 49
<212> DNA
<213> Bacteriophage T7

<210>
<213> Description of Artificial Sequence:peptide

400> 10
ggaaatttcgtc tcgagctctg atcaccacca tggacacgtat taacatcgc

49

<210> 11
<211> 55
<212> DNA
<213> Bacteriophage T7

<220>
<223> Description of Artificial Sequence:peptide

<400> 11
guatgttgg ttcgtctct ttttggagg agtgcgttc ttagcgatgt taatc

55

<210> 12
<211> 46
<212> DNA
<213> Bacteriophage T7

<220>
<223> Description of Artificial Sequence:peptide

<400> 12
tggaaatccgtc tcggagaaag gtaaaattct ctgacatcga actggc

46

<210> 13
<211> 33
<212> DNA
<213> Bacteriophage T7

<220>
<223> Description of Artificial Sequence:peptide

<400> 13
gactagtggt ctcccccattag agagcatgtc agc

33

<210> 14
<211> 33
<212> DNA
<213> Bacteriophage T7

<220>
<223> Description of Artificial Sequence:peptide

<400> 14
tggatccgtt ctggggatcta ctgggtggcg agg

33

<210> 15
<211> 27
<212> DNA
<213> Bacteriophage T7

<220>
<223> Description of Artificial Sequence:peptide

<400> 15

gacttagtgt tacgcgaacg caaagtc

210> 16

211> 36

212> DNA

213> Bacteriophage T7

220>
223> Description of Artificial Sequence:peptide

400> 16
ggaatttgtc tctaaggtaa atataaaatt tttaag

36

210> 17

211> 40

212> DNA

213> Bacteriophage T7

220>
223> Description of Artificial Sequence:peptide

400> 17
gacttagtgt ctctgaccct aaaatacaca aacaattaga

40

210> 18

211> 92

212> DNA

213> Bacteriophage T7

220>
223> Description of Artificial Sequence:peptide

400> 18
ggaatttgtc tcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60
92
atctccaaa aaagagacga gaccaactag tc

210> 19

211> 92

212> DNA

213> Bacteriophage T7

400> 19
gacttagttgg gctcgctct ttttggagg agggcggttc ttagcgatgt taatcggtc 60
92
atgggtggta tgcagagctc gagacgaatt cc

210> 20

211> 73

212> DNA

<210> Artificial Sequence

<210> Description of Artificial Sequence:OLIGO

<400> 10
gtaatggtc gcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60
73
ctcttccaaa aaa

<210> 21

<211> 77

<212> DNA

<213> Bacteriophage T7

<210> Description of Artificial Sequence:peptide

<213> Description of Artificial Sequence:peptide

<400> 21
tctttttttt ggaggagtgt cgttcttagc gatgttaatc gtgtccatgg tggtatgcag 60
77
agctcgagac gaattcc

<210> 22

<211> 13

<212> DNA

<213> Artificial Sequence

<210> Description of Artificial Sequence:OLIGO

<213> Description of Artificial Sequence:OLIGO

<400> 22

13

ggaattcgtc tcg

<210> 23

<211> 33

<212> DNA

<213> Artificial Sequence

<210>

<213> Description of Artificial Sequence:OLIGO

<213> Description of Artificial Sequence:OLIGO

<400> 23

33

gagaaaggta aaattctctg acatcgaact ggc

<210> 24

<211> 17

<212> DNA

<213> Artificial Sequence

<4000 18
atggataga ttaacatcgc taagaacgac ttctctgaca tcgaactggc 50

• 210 : 29
• 211 : 50
• 212 : DNA
• 213 : Bacteriophage T7

400 29
gcggatttcga tgtcagagaa gtcgttctta gcgatgttaa tcgtgtccat

50

210 - 30
211 - 77
212 - DNA
213 - human immunodeficiency virus

4220.
4223. Description of Artificial Sequence:peptide

400 30
atggatcga ttaacatcg taagaacgac actcctccaa aaaagagaaa ggtaaaattc 60
77
tttgcatcg aactggc

- 210 > 31
- 211 > 77
- 212 > DNA
- 213 > Bacteriophage T7

460 31 gtcagttcga tgtcagagaa ttttaccttt ctctttttg gaggagtggtc gttcttagcg 60
atgttaatcg tgtccat 77

- 210 : 32
- 211 : 69
- 212 : DNA
- 213 : Human immunodeficiency virus

210 Description of Artificial Sequence: peptide

400 32 gatcattaga ccagatctga gcctgggagc tctctggcta actagggAAC ccactgctta 60
69 agctcaag

313 - 33
311 - 69
312 - DNA

<213> Human immunodeficiency virus

<210>

<213> Description of Artificial Sequence:peptide

<400> 33

gatccatttag gcttaaggcag tgggttccct agtttagccag agagctccca ggctcagatc 60
69
tggtaataat

<210> 34

<211> 61

<212> DNA

<213> Human immunodeficiency virus

<220>

<223> Description of Artificial Sequence:peptide

400> 34

gatcacatcta ggctctccta tggcaggaag aagcggagac agcgacgaag acctcctcaa 60
61
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<210> 35

<211> 61

<212> DNA

<213> Human immunodeficiency virus

<220>

<223> Description of Artificial Sequence:peptide

<400> 35

gatccttgag gaggtcttcg tcgctgtctc cgcttcttcc tgccatagga gagcctaagg 60
61
t

<210> 36

<211> 62

<212> DNA

<213> Human immunodeficiency virus

<220>

<223> Description of Artificial Sequence:peptide

<400> 36

gatccatagtg aatagagtta ggcaggata ctcaccatta tcgtttcaga cccacccccc 60
62
t

<210> 37

<211> 62

<212> DNA

<213> Bacteriophage T7

<210>
<213> Description of Artificial Sequence:peptide

<400> 37
gatctttggga ggtgggtctg aaacgataat ggtgagttac cctgccttaac tctattcact 60
62
at

<210> 38
<211> 30
<212> DNA
<213> Artificial Sequence

<210>
<213> Description of Artificial Sequence:oligo

<400> 38
aatcttagagc taacaaagcc cgaaaggaag 30

<210> 39
<211> 38
<212> DNA
<213> Artificial Sequence

<210>
<213> Description of Artificial Sequence:oligo

400 39 28
ttcttgat atagttcctc ctttcagc

<210> 40
<211> 70
<212> DNA
<213> Artificial Sequence

<210>
<213> Description of Artificial Sequence:oligo

<400> 40
tccgtttccatg gcttaaggat ccgtacgtcc ggagctagcg ggcccatcga tactagttaa 60
70
atgttagatct

<210> 41
<211> 70
<212> DNA
<213> Artificial Sequence

<400> 45
ccggattaga ccagatctga gcctgggagc tctctggcta actaggaaac ccactgctta 60
72
aacctcaatc cg

<210> 46
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 46
gtatcgggacc ttgaggaggt cttcgtcgct gtctccgctt cttcctgcct taggagacc 60
66
taagggt

<210> 47
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 47
ccggaccta ggctctccta tggcaggaag aagcggagac agcgacgaag acctcctcaa 60
66
ggtcgg

<210> 48
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 48
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65
actat

<210> 49
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 49
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65
atccgg

<210> 50
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 50
gttccatgcgt cctgcaggc gactctagac ccgggttaccg agctcgccct atagtggatc 60
67
gttattat

<210> 51
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide

<400> 51
ccggataata cgactcacta tagggcgagc tcggtacccg ggtcttagatg cgacctgcag 60
67
gcattgt